

~~(42)~~ mounted on ~~said~~the substrate, and one or more electrical connections ~~(39,44,49)~~ made to ~~said~~the component(s) ~~(42)~~. The insulating substrate ~~(34)~~ closes the open end ~~(37)~~ of the metal canister ~~(36)~~ so that the metal canister and insulating substrate ~~(34)~~ together form a housing ~~(32)~~ for one or more of ~~said~~the components ~~(42)~~ mounted on the substrate ~~(34)~~. The insulating substrate ~~(34)~~ acts as a circuit board to carry ~~said~~the electrical connections from ~~said~~the component(s) externally of the housing ~~(32)~~. The canister ~~(36)~~ has at least one optical port ~~(38)~~ by which optical radiation ~~(45)~~ may be transmitted into and/or out of ~~said~~the housing ~~(32)~~.

Figure 4

In The Claims

Please amend the claims as follows:

1. (Amended) An optoelectronic device ~~(30,50,60,70,80,90)~~, comprising an open-ended metal canister—~~(36,56,66,76,86)~~, an insulating substrate ~~(34,54,64,74,84,94)~~, at least one optoelectronic component ~~(42,82,92)~~ mounted on said substrate, and one or more electrical connections ~~(39,44,49,79,89,109)~~ made to said component(s) ~~(42,82,92)~~, wherein:

- the insulating substrate ~~(34,54,64,74,84,94)~~ closes the open end ~~(37)~~ of the metal canister ~~(36,56,66,76,86)~~ so that the metal canister and insulating substrate ~~(34,54,64,74,84,94)~~ together form a housing ~~(32,52,62,72,82,92)~~ for one or more of said components mounted on the substrate;
- the insulating substrate ~~(34,54,64,74,84,94)~~ acts as a circuit board to carry said electrical connections from said component(s) externally of the housing ~~(32,52,62,72,82,92)~~; and
- the canister—~~(36,56,66,76,86)~~ has at least one optical port

~~(38,58,68,78,88,98)~~ by which optical radiation ~~(45,55,65,75,85)~~ may be transmitted into and/or out of said housing ~~(32,52,62,72,82,92)~~.

2. (Amended) An optoelectronic device ~~(30,50,60,70,80,90)~~ as claimed in Claim 1, in which the housing ~~(32,52,62,72,82,92)~~ is hermetically sealed.

3. (Amended) An optoelectronic device ~~(30,50,70,80)~~ as claimed in Claim 1 or Claim 2, wherein an said optical port includes an optical window ~~(38,58,78,88)~~.

4. (Amended) An optoelectronic device ~~(60)~~ as claimed in Claim 1 or Claim 2, wherein said ~~in which an~~ optical port includes a receptacle ~~(68)~~ for an optical component ~~(64)~~.

5. (Amended) An optoelectronic device ~~(30)~~ as claimed in any preceding claim 1, wherein ~~in which at least one~~ said electrical connection includes at least one via ~~(49,109)~~ through said insulating substrate ~~(34)~~.

6. (Amended) An optoelectronic device ~~(90)~~ as claimed in Claim 5, in which said via ~~(109)~~ extends to a side ~~(97)~~ of the substrate ~~(94)~~ opposite from a side ~~(93)~~ of the substrate ~~(94)~~ that closes the open end ~~(107)~~ of the canister ~~(96)~~.

7. (Amended) An optoelectronic device ~~(30)~~ as claimed in Claim 6, ~~in which at least one~~ wherein said electrical connection includes a track ~~(44)~~ on or within said substrate ~~(34)~~ that extends towards an edge ~~(47)~~ of said substrate.

8. (Amended) An optoelectronic device ~~(30)~~ as claimed in any preceding claim 1, ~~in which the~~ wherein said substrate ~~(34)~~ includes a multilayer printed circuit board ~~(36)~~ for making electrical connections internally and/or externally of said housing ~~(32)~~.

9. (Amended) An optoelectronic device ~~(30)~~ as claimed in any preceding claim 1, wherein ~~said~~ ~~in which the~~ substrate ~~(36)~~ includes a printed metallic layer ~~(35)~~ to which the open end ~~(37)~~ of the canister ~~(36)~~ is bonded.

10. (Amended) An optoelectronic device ~~(30,50,60,70,90)~~ as claimed in any preceding claim 1, ~~in which the~~ wherein said substrate is a ceramic substrate ~~(34,54,64,74,94)~~.

11. (Amended) An optoelectronic device ~~(80)~~ as claimed in any of Claims 1 to 9, ~~in which the~~ wherein said substrate is a flex substrate ~~(84)~~.